

FIG. 1G

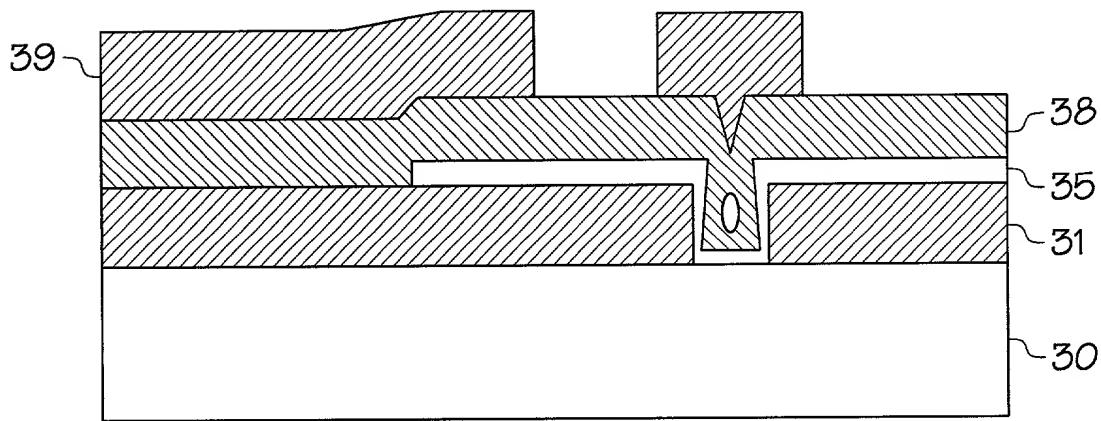


FIG. 1H

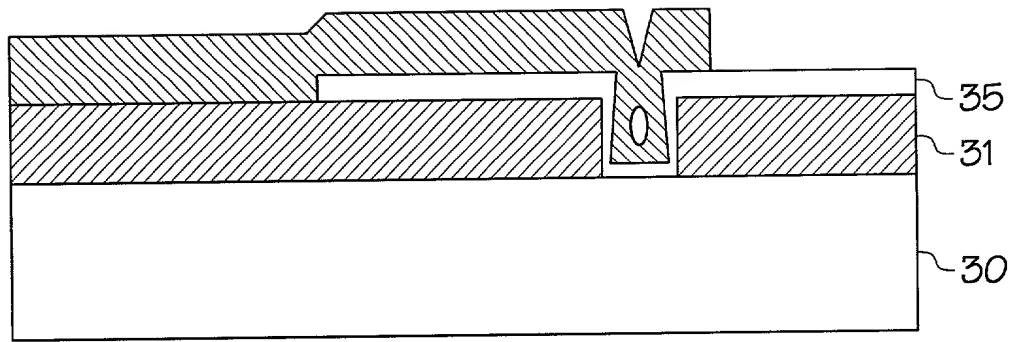


FIG. 1I

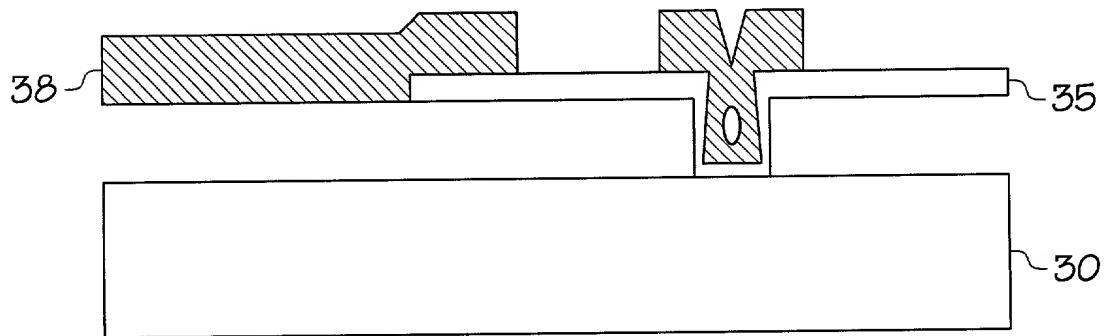


FIG. 1J

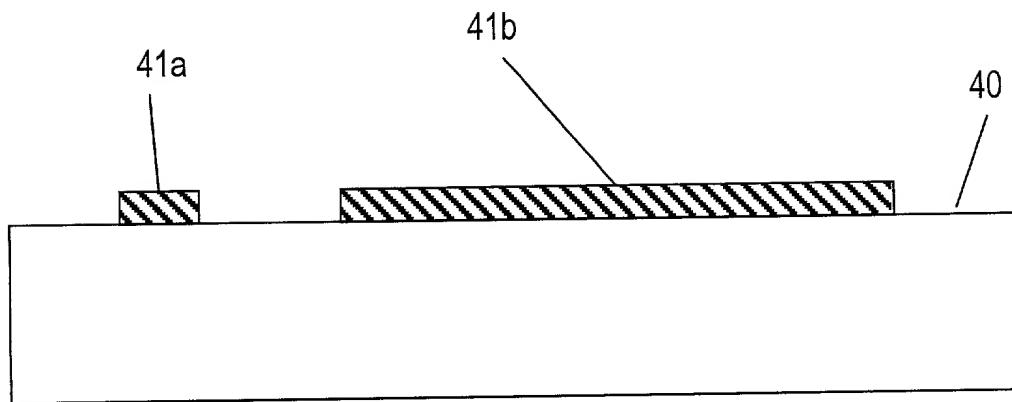


FIG. 2A

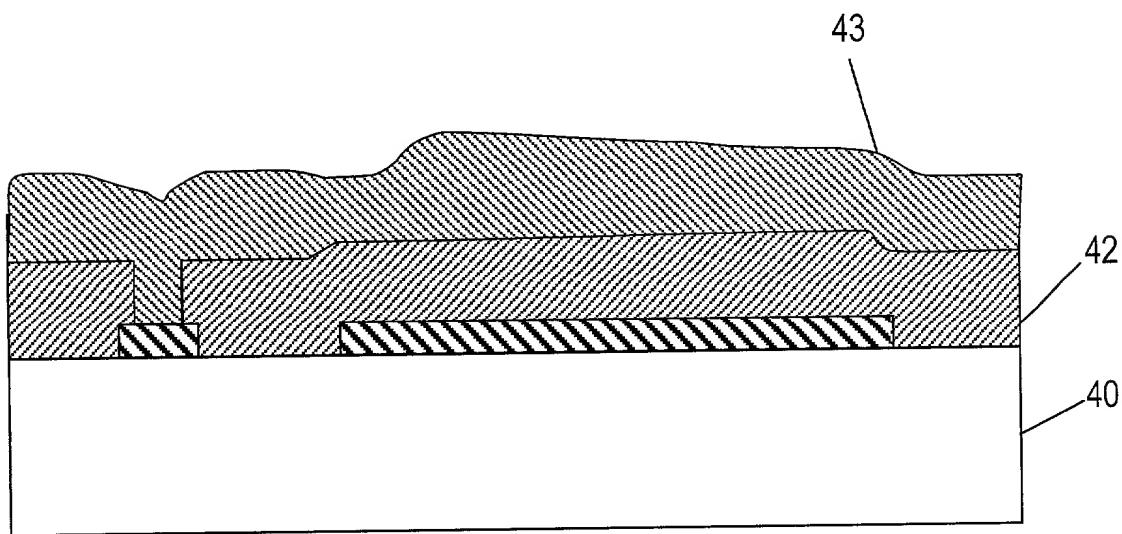


FIG. 2B

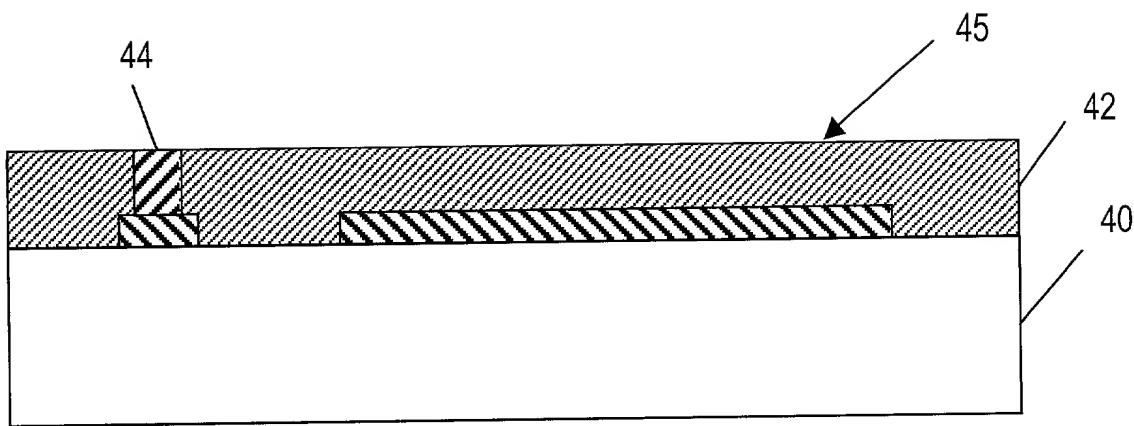


FIG. 2C

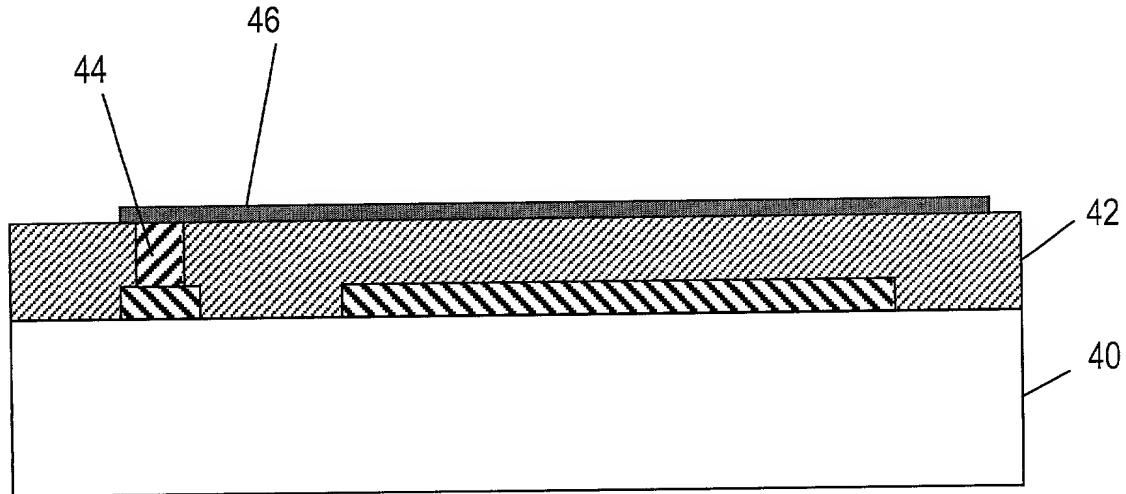


FIG. 2D

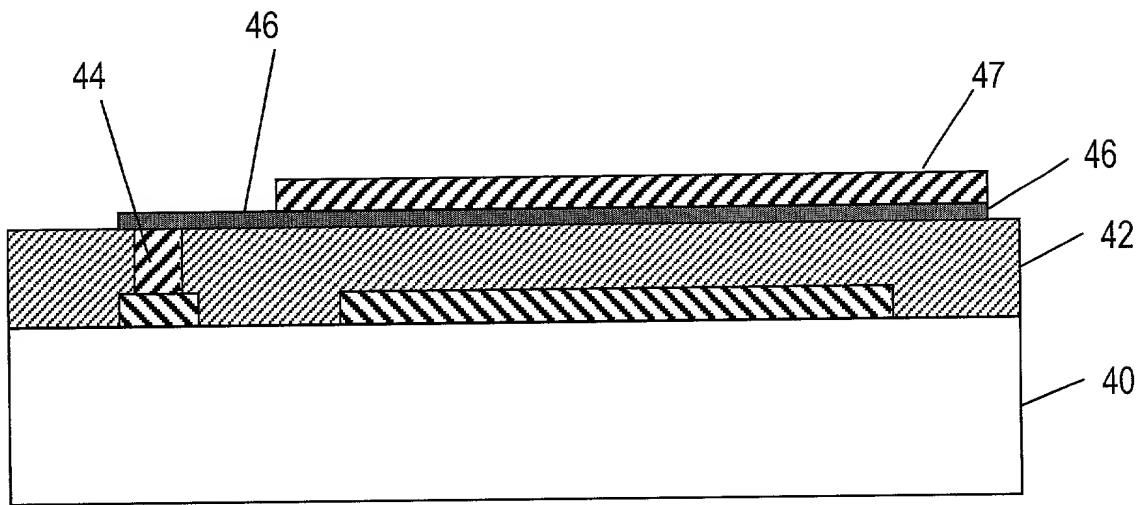


FIG. 2E

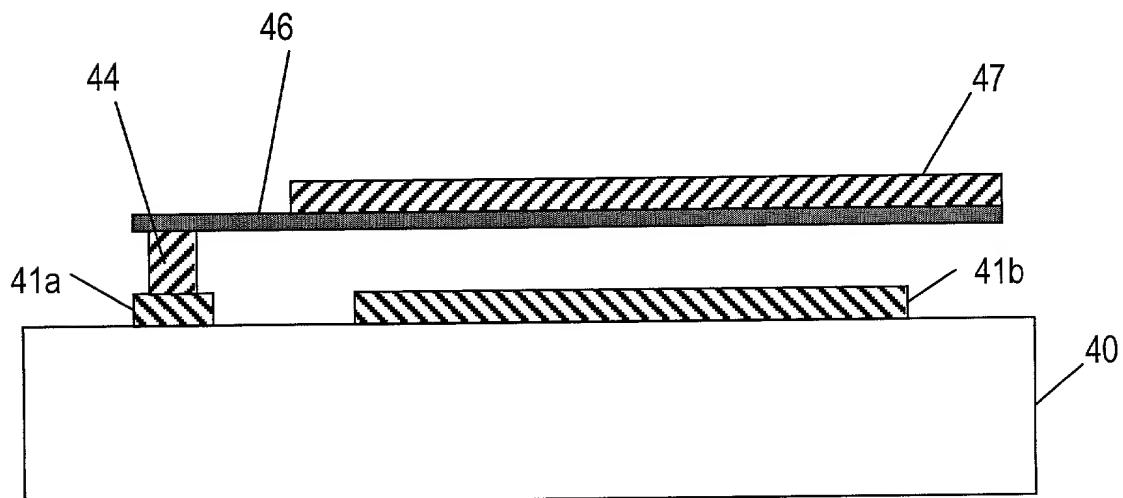


FIG. 2F

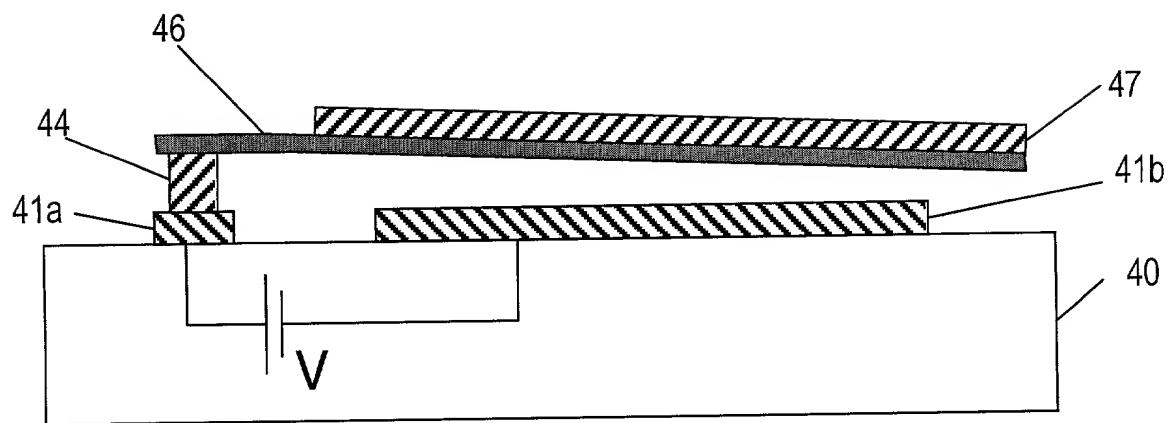
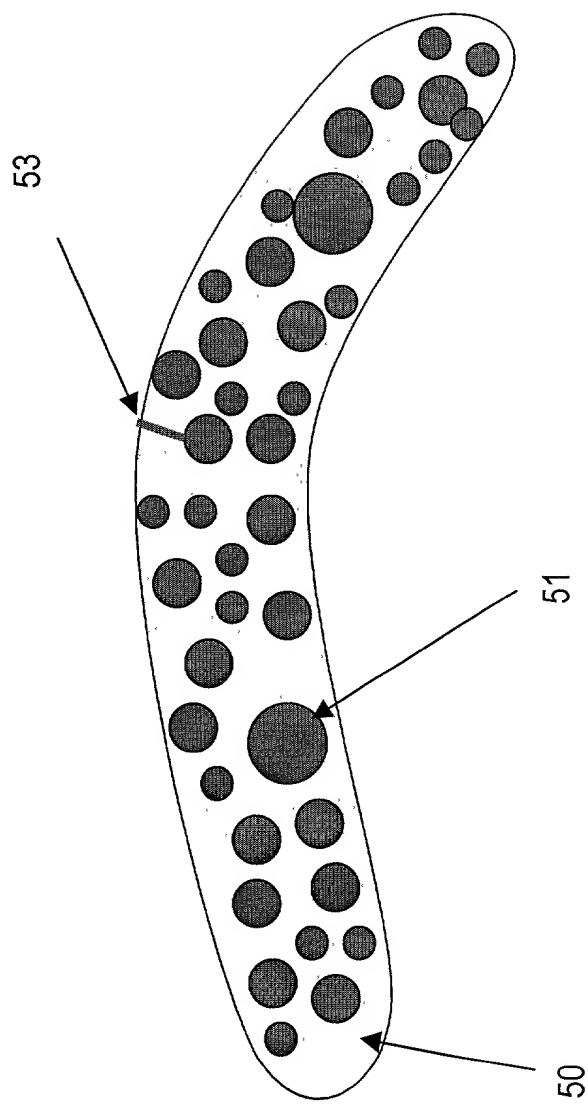
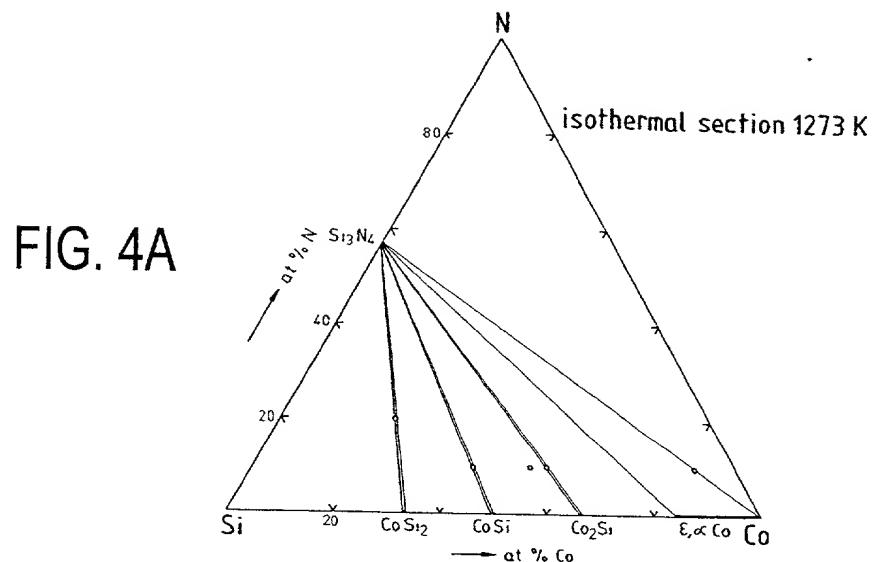


FIG. 2G

FIG. 3

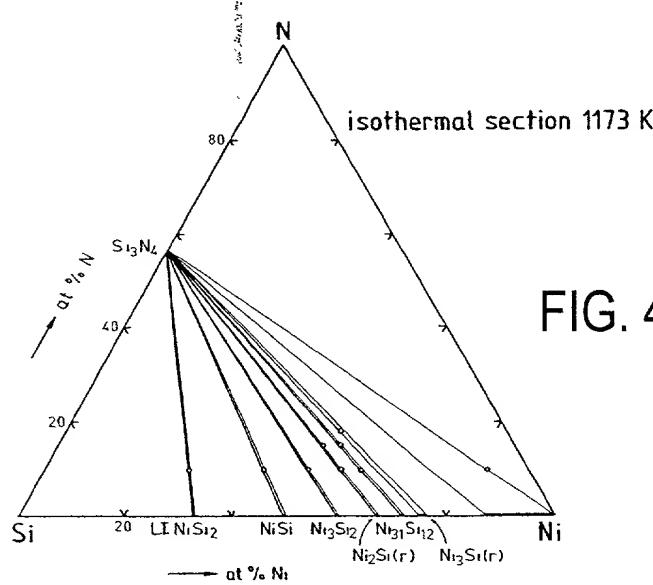


Co-Si-N Isothermal Section at 1000 °C



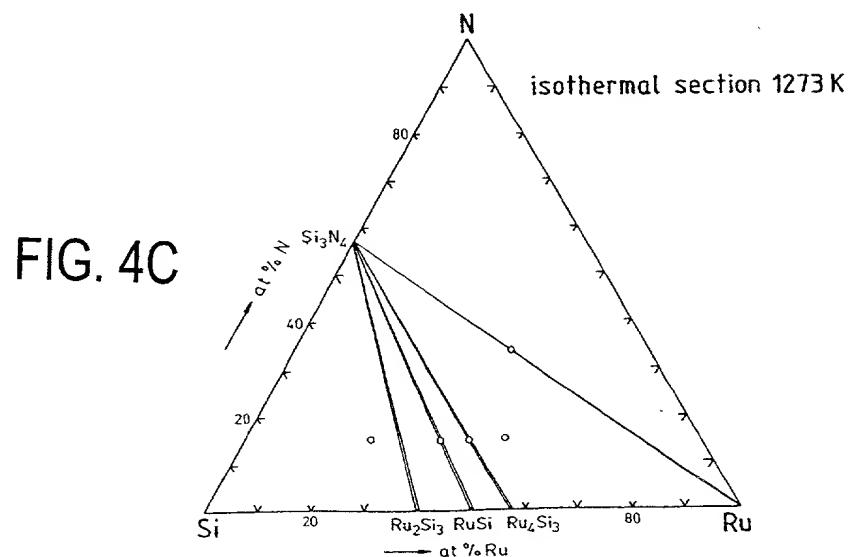
In the absence of external nitrogen pressure.

Ni-Si-N Isothermal Section at 900 °C



In the absence of external nitrogen pressure.

Ru-Si-N Isothermal Section at 1000 °C



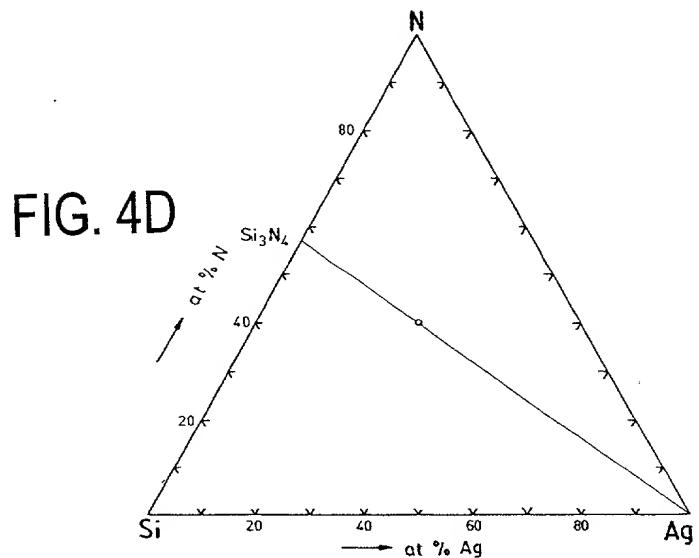
In the absence of external nitrogen pressure.

FIG. 4A

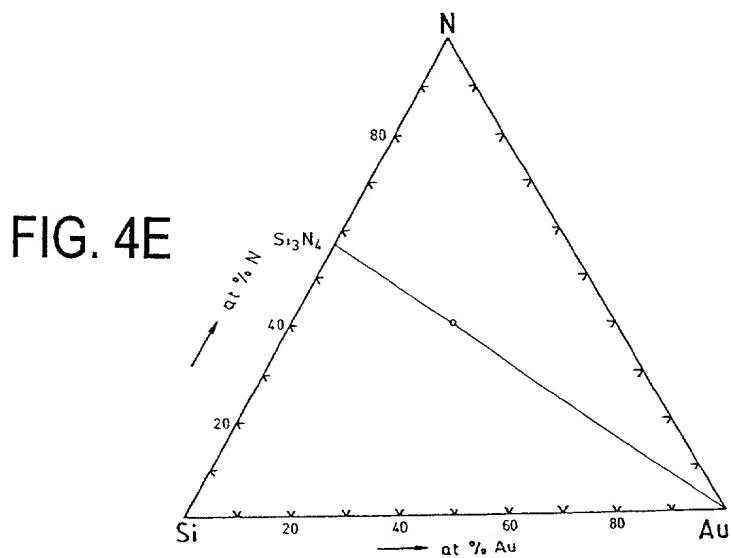
FIG. 4B

FIG. 4C

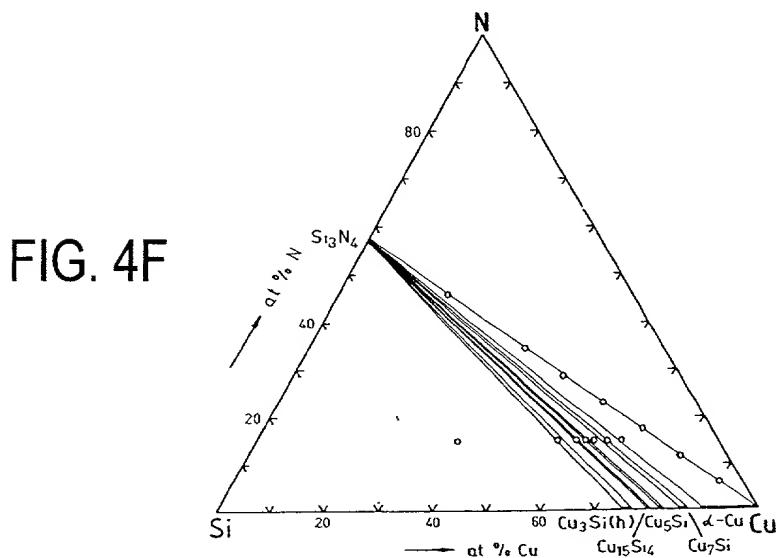
Ag-Si-N Isothermal Section at 900 °C



Au-Si-N Isothermal Section at 900 °C



Cu-Si-N Isothermal Section at 700 °C



Ag-B-N Isothermal Section at 800 °C

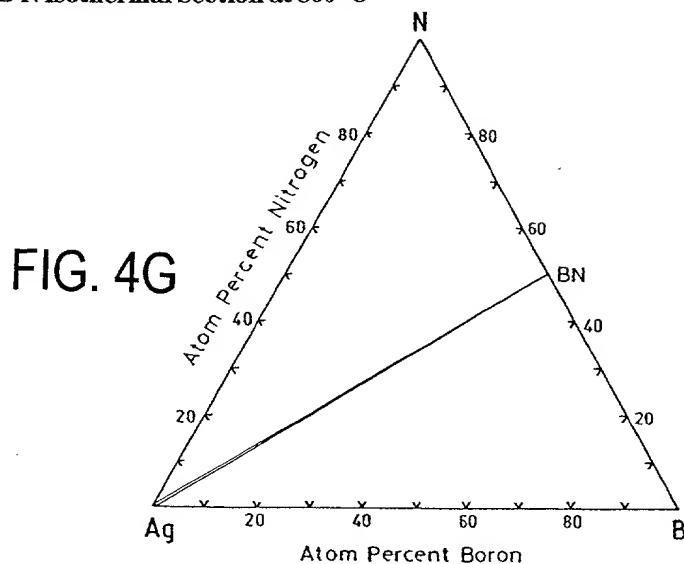


FIG. 4G

Au-B-N Isothermal Section at 800 °C

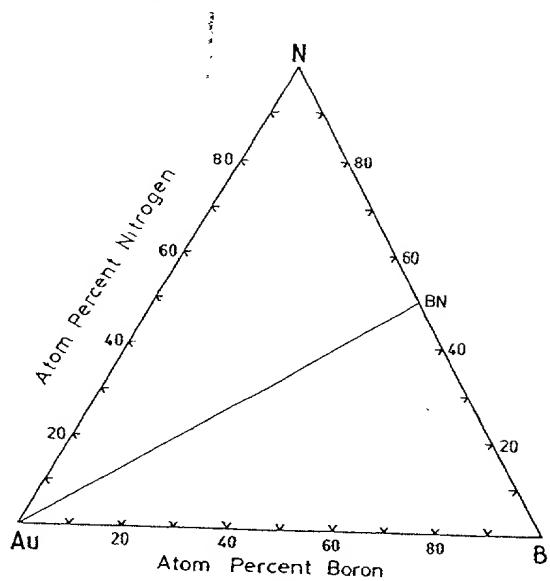


FIG. 4H

Ru-B-N Isothermal Section at 1200 °C Under 10^5 Pa of Argon

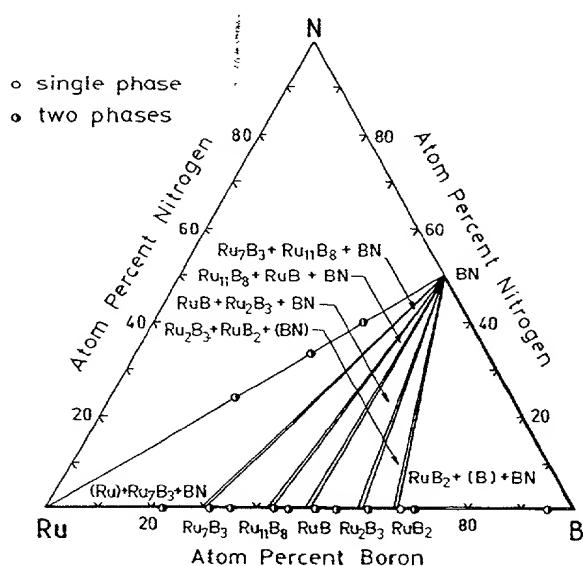


FIG. 4I

Co-B-N Isothermal Section at 900 °C Under 10⁵ Pa of Argon

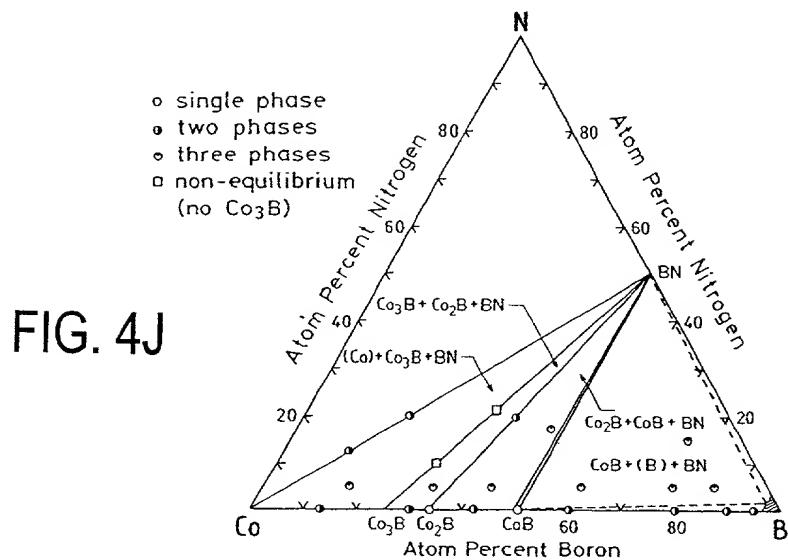


FIG. 4J

Fe-B-N Isothermal Section at 400 °C

In the absence of external nitrogen.

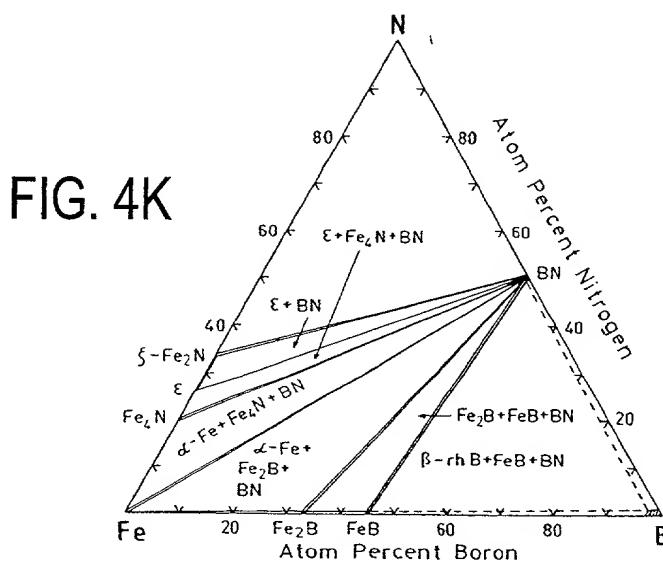


FIG. 4K

In the absence of external nitrogen. From [51Kie].

Ni-B-N Isothermal Section at 900 °C Under 10⁵ Pa of Argon

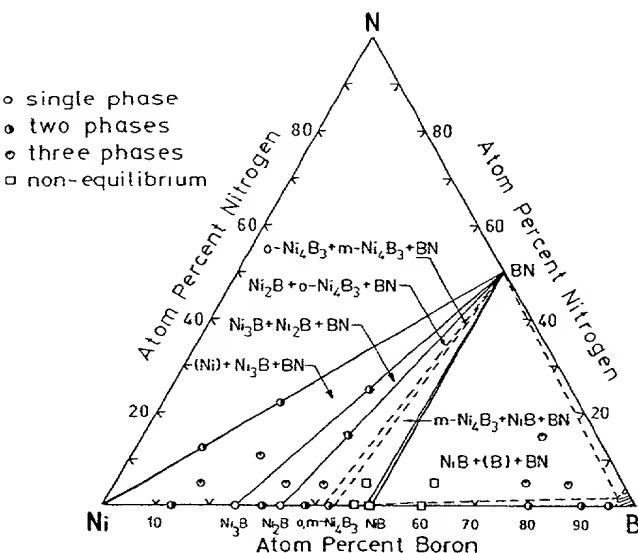


FIG 4L

In the absence of external nitrogen.

FIG. 5

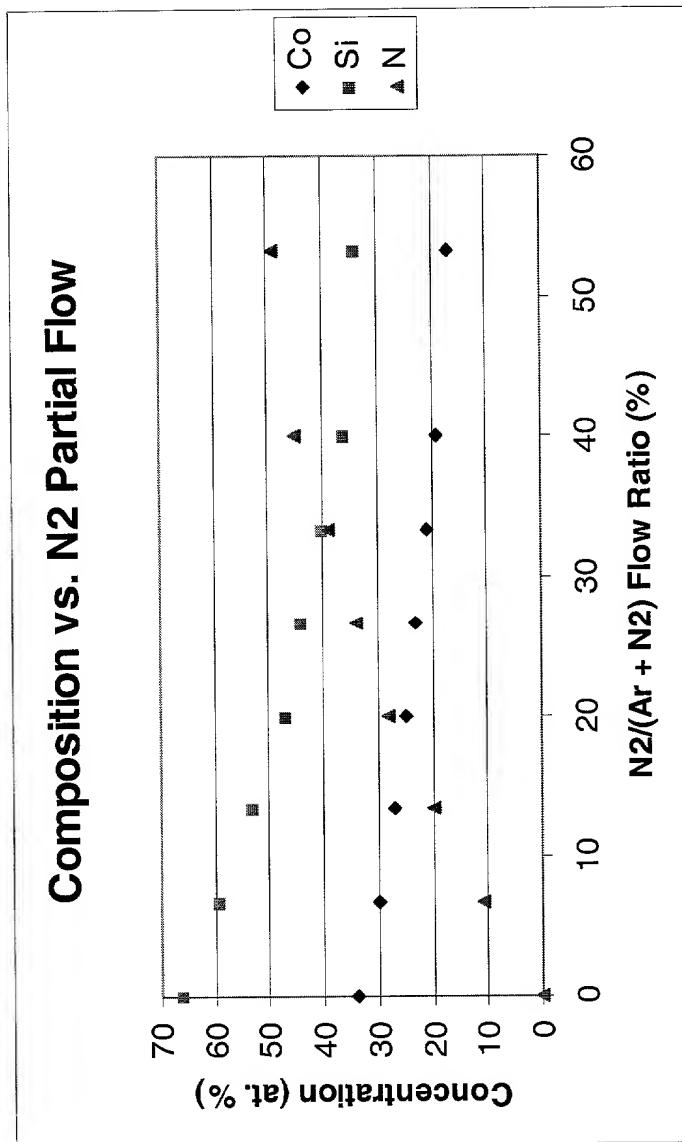


FIG. 6

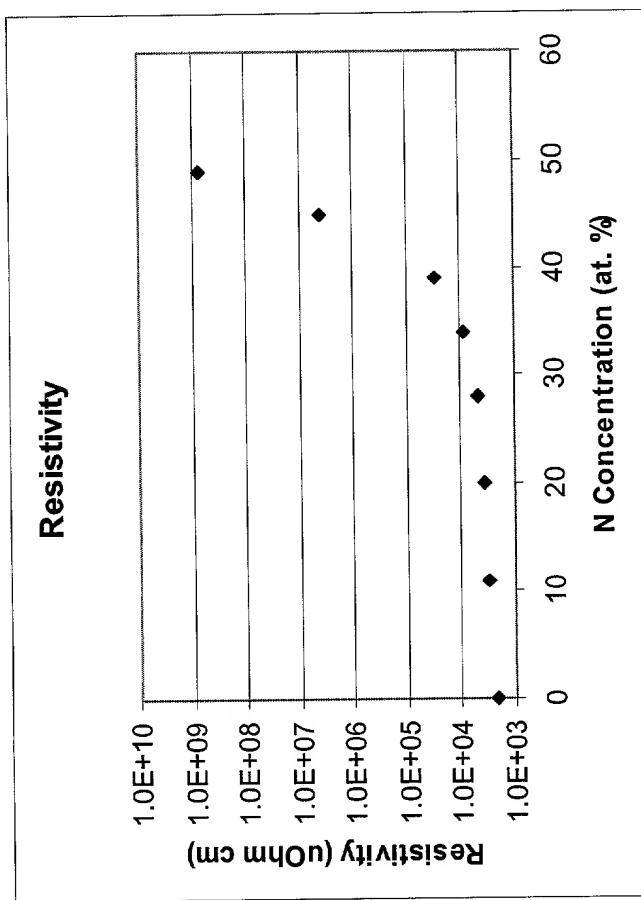


FIG. 7

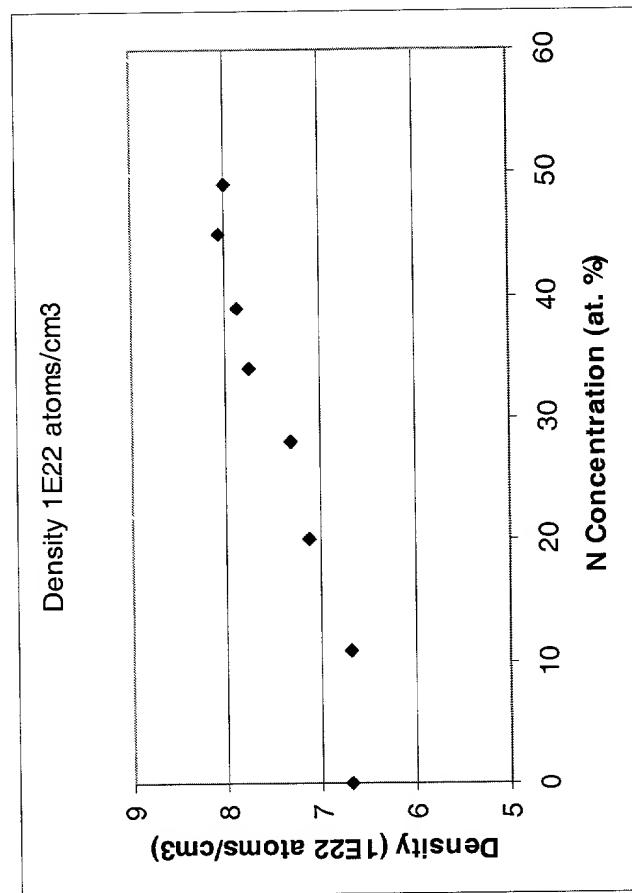
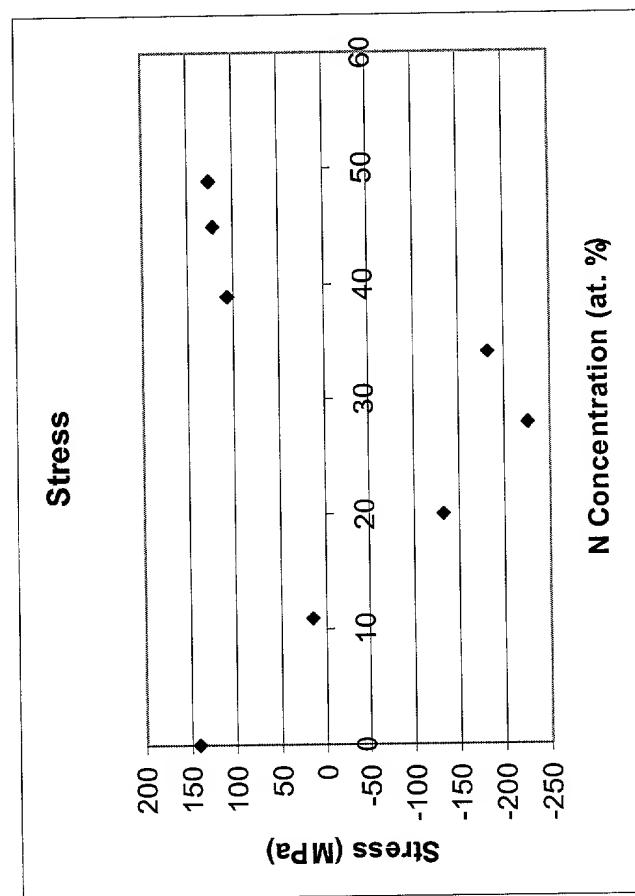


FIG. 8



	10 sccm	20 sccm	30 sccm
C12 base	200	230	270
CF4 base	133	202	202

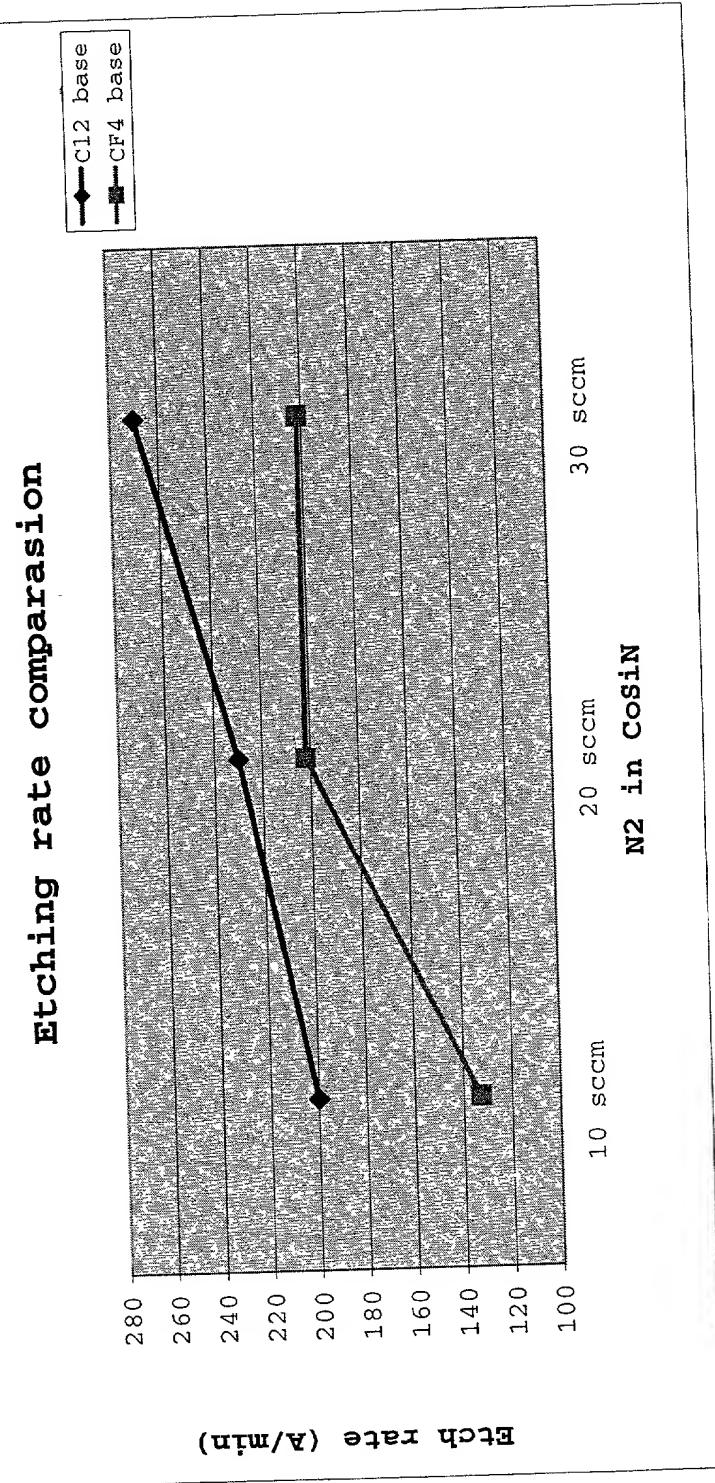


FIG. 9